Jaco

HerSchy Environmental, Inc.

April 7, 2005
Project A08-21

Mr. Corey M. Walsh
Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-7906

Re: Results of the March, 2005 Quarterly Groundwater Monitoring and Request for Site Closure, Chalk Mountain Liquor, Atascadero, California

Dear Mr. Walsh:

HerSchy Environmental is pleased to present this report summarizing the results of the March, 2005 quarterly monitoring results. The site is located at 9990 El Camino Real, in Atascadero, San Luis Obispo County, California (Figure 1). Five two-inch groundwater monitoring wells were sampled on December 21, 2004. Three underground storage tanks (USTs) were removed from the site on May 7, 2004. Three new USTs were installed at a later date after approximately 40,000 gallons of groundwater were purged during excavation dewatering. Details of soil and groundwater sampling during tank removal activities are included in the June 16, 2004, "*Results of Sampling and Analysis for Underground Storage Tank (UST) Removal, Chalk Mountain Liquor, Atascadero, California*" report prepared by HerSchy Environmental, Inc.

METHODS OF INVESTIGATION

Groundwater Sampling Procedures

Groundwater samples were collected from each of the site monitoring wells (MW-1 through MW-5) on March 16, 2005. Before collecting groundwater samples, the monitoring wells were measured for static water level using an electric sounder. Depth to groundwater was recorded to the nearest 0.01 feet on the field sampling data sheets. Groundwater elevation in the monitoring wells was calculated by subtracting the measured depth to groundwater from the surveyed well elevation.

Approximately three casing volumes were purged from each well prior to sampling. Depth to groundwater, total depth of the well and well diameter were used to calculate the purge volume. All monitoring wells were purged and sampled using a Waterra electric pump with dedicated hoses. Physical characteristics (temperature, electrical conductivity, and pH), were measured and recorded in the field during the initial stages of purging and prior to sampling. Samples were collected from each well and placed in three 40-milliliter bottles fitted with Teflon-lined septa. Bottles were filled to form a positive meniscus and checked after capping to ensure that no air bubbles were in the sampling containers.

Immediately after sample collection, the groundwater samples were sealed in a plastic bag and placed in an insulated chest with frozen gel packs ("blue ice"). Samples were maintained at or below four degrees Celsius until delivered to the laboratory. Samples were stored, transported and delivered under chain-of-custody documentation. Groundwater field sampling data sheets and chain-of-custody documentation are presented in Appendix A.

Laboratory Analysis

Groundwater samples were analyzed for gasoline-range total petroleum hydrocarbons (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE). Samples were analyzed using EPA method 8260 for BTEX and MTBE. Groundwater samples were also analyzed for the fuel oxegynates and additives di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butanol (TBA), 1,2-dichloroethane (1,2-DCA) and ethylene dibromide (EDB) using EPA method 8260.

RESULTS OF INVESTIGATION

Hydrogeologic Conditions

For the March, 2005 sampling event, depth to groundwater averaged 1.80 feet or 949.86 feet above mean sea level based on monitoring wells MW-1 through MW-5. The elevation of groundwater beneath the site increased 0.69 feet between the December, 2004 and March, 2005 monitoring events based on depth to groundwater. Groundwater flow direction was north 88 degrees east with a gradient of 0.0112. Groundwater conditions are presented graphically on Figure 1 and summarized in Table 1 below:

Table 1
Groundwater Conditions, Chalk Mountain Liquor, Atascadero, California

Well Number	Casing Elevation	Depth to GW	GW Elevation
March 11, 2004			
MW-1	992.00	1.34	990.66
MW-2	993.58	1.67	991.91
MW-3	993.61	2.28	991.33
Groundwater: N. 66 E.; Gradient: 0.012			
June 23, 2004			
MW-1	992.00	3.84	988.16
MW-2	993.58	3.63	989.95
MW-3	993.61	4.70	988.91
MW-4	Not Surveyed	1.62	-----
MW-5	Not Surveyed	2.68	-----
Groundwater: N. 52 E.; Gradient: 0.0174			
September 22, 2004*			
MW-1	951.52	2.85	948.67
MW-2	953.18	3.58	949.60
MW-3	953.18	3.98	949.20
MW-4	949.66	1.62	948.04
MW-5	950.76	2.52	948.24
Groundwater: S. 86 E.; Gradient: 0.0081			

Table 1
(Continued)

Well Number	Casing Elevation	Depth to GW	GW Elevation
December 21, 2004*			
MW-1	951.52	2.43	949.09
MW-2	953.18	2.93	950.25
MW-3	953.18	3.57	949.61
MW-4	949.66	1.56	948.10
MW-5	950.76	1.95	948.81
Groundwater: S. 85 E.; Gradient: 0.0093			
March 16, 2005*			
MW-1	951.52	2.06	949.46
MW-2	953.18	1.97	951.21
MW-3	953.18	2.98	950.20
MW-4	949.66	0.91	948.75
MW-5	950.76	1.09	949.67
Groundwater: N. 88 E.; Gradient: 0.0112			

Elevations in feet
*Based on new survey (October 3, 2004)

Groundwater Quality

Certified analytical reports and chain-of-custody documentation are presented in Appendix B. Laboratory analytical results are summarized in Table 2 below:

Table 2
Laboratory Analytical Results for Groundwater
Chalk Mountain Liquor, Atascadero, California

Well	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA
March 11, 2004							
MW-1	ND	16	ND	ND	ND	15	390
MW-2	ND	ND	ND	ND	ND	0.78	ND
MW-3	ND	ND	ND	ND	ND	ND	ND
June 23, 2004							
MW-1	ND	ND	ND	ND	ND	6.3	70
MW-2	ND	ND	ND	ND	ND	0.55	ND
MW-3	ND	ND	ND	ND	ND	ND	ND
MW-4	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND
September 22, 2004							
MW-1	ND	ND	ND	ND	ND	50	ND
MW-2	ND	ND	ND	ND	ND	6.4	ND
MW-3	ND	ND	ND	ND	ND	2.4	ND
MW-4	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND

As per the request of Mr. Corey Walsh of the Regional Water Quality Control Board (RWQCB), the format of Table 2 has changed to that seen below. Table 2 will be presented in this format in all future groundwater monitoring reports.

Table 2
(Continued)

Well (0.50)*	TPHg (50)*	Benzene (0.50)*	Toluene (0.50)*	Ethylbenzene (0.50)*	Xylenes (0.50)*	TBA (20)*	MTBE (0.50)*	1,2-DCA (0.50)*
December 21, 2004								
MW-1	ND	ND	ND	ND	ND	ND	19	ND
MW-2	ND	ND	ND	ND	ND	ND	6.5	ND
MW-3	ND	ND	ND	ND	ND	ND	4.7	ND
MW-4	ND	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	39
March 16, 2005								
MW-1	ND	ND	ND	ND	ND	ND	14	ND
MW-2	ND	ND	ND	ND	ND	ND	5.1	ND
MW-3	ND	ND	ND	ND	ND	ND	6.4	ND
MW-4	ND	ND	ND	ND	ND	ND	ND	ND
MW-5	ND	ND	ND	ND	ND	ND	ND	ND

All results presented in parts per billion (ppb)
* = reporting limit in ppb
ND = below detectable concentrations
MTBE, TBA, and 1,2-DCA results by EPA method 8260

The fuel additive MTBE was detected in MW-1, MW-2, and MW-3 at 14 ppb, 5.1 ppb, and 6.4 ppb, respectively. The degradation product TBA was not detected during this sampling event. For the first quarter since the installation of MW-5, 1,2-DCA was not detected in groundwater in this well.

CONCLUSIONS AND RECOMMENDATIONS

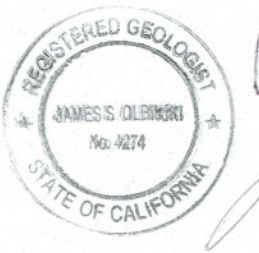
The fuel additive MTBE continues to be detected in the three onsite groundwater monitoring wells (MW-1 through MW-3) in relatively low concentrations. The down gradient well MW-4 has been sampled and analyzed for four consecutive quarters and none of the analytes have been detected in this well.

Because only relatively low concentrations of the fuel additive MTBE are present in onsite groundwater monitoring wells, and MTBE has yet to be detected in MW-4, it is reasonable to assume that the contaminant plume is fairly stable. The only confirmed down gradient water supply well within a half mile of the release is used solely for irrigation and is screened at a depth no less than 140 feet bgs. Based on these circumstances, it appears that contamination beneath the site does not pose a human or environmental health risk. Therefore, it continues to be the recommendation of HerSchy Environmental, Inc. that the subject site be closed and that no further investigation be conducted.

The next quarterly groundwater monitoring event is currently scheduled for March, 2005. This monitoring event will take place unless closure is granted by your office. If you have any questions or require additional information, please contact me at the letterhead address or at (559) 641-7320.

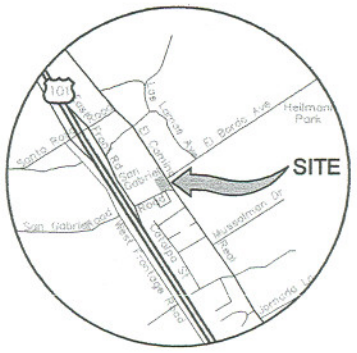
With best regards,
HerSchy Environmental, Inc.

Joshua A. Teves
Project Geologist

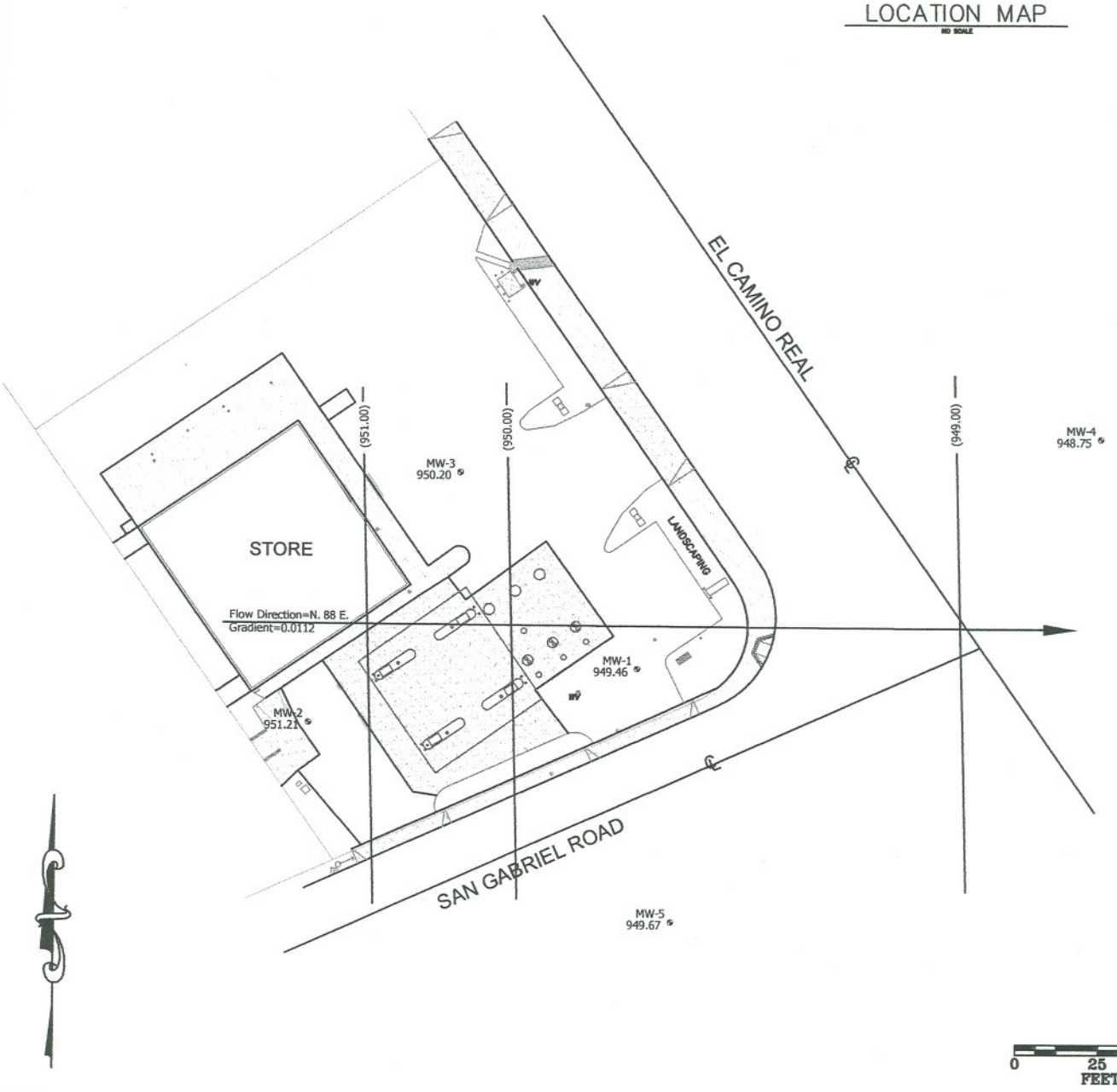


James S. Olbinski
Registered Geologist #4274

pc: Mr. Aaron LeBarre, San Luis Obispo County Public Health Agency
Mr. Roy Saunders, Jaco Oil Company



LOCATION MAP
NO SCALE



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Site Location and March, 2005 Groundwater Conditions
CHALK MOUNTAIN LIQUOR
9990 El Camino Real, Atascadero, California

DATE: April, 2005
FILE NO.: A08-21
DRAWN BY: JSO

FIGURE 1

APPENDIX A

GROUNDWATER FIELD SAMPLING DATA SHEETS

HerSchy Environmental **WATER SAMPLE FIELD DATA SHEET**

Client Name: Chalk Mt. Liquor Location: Atascadero

Purged By: Gurule Sampled by: Gurule

Sample ID: MW-1 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): 951.52 Volume in Casing (gal.): 2.49

Depth of Well (feet): 17.27 Calculate Purge Volume (gal.): 7.48

Depth to Water (feet): 2.06 Actual Purge Volume (gal.): 7.5+

Date Purged: 3/16/05 Date Sampled: 3/16/05 1305

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
~~1219~~	~~—~~	~~6.76~~	~~1465~~	~~70.6~~	~~Cloudy~~
1256	—	7.05	1368	71.0	Milky
1304	7.5	7.16	1316	67.9	"

Other Observations: ____ Odor: None

Purging Equipment: Waterra

Sampling Equipment: "

Remarks: ____

Sampler's Signature: Jeff Gurule

/Water Sample Sheet.wpd

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: Chalk Mt. Liquor Location: Atascadero

Purged By: Gurule Sampled by: Gurule

Sample ID: MW-2 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): 953.18 Volume in Casing (gal.): 2.52

Depth of Well (feet): 17.34 Calculate Purge Volume (gal.): 7.56

Depth to Water (feet): 1.97 Actual Purge Volume (gal.): 7.5+

Date Purged: 3/16/05 Date Sampled: 3/16/05 1245

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1235	—	7.03	1213	69.1	Cloudy
1244	7.5+	6.97	1194	66.5	Clear

Other Observations: ____ Odor: None

Purging Equipment: Waterra

Sampling Equipment: "

Remarks: ____

Sampler's Signature: Jeff Gurule

/Water Sample Sheet.wpd

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: Chalk Mt. Liquor Location: Atascadero

Purged By: Gurule Sampled by: Gurule

Sample ID: MW-3 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): 953.18 Volume in Casing (gal.): 2.37

Depth of Well (feet): 17.46 Calculate Purge Volume (gal.): 7.12

Depth to Water (feet): 2.98 Actual Purge Volume (gal.): 7.5

Date Purged: 3/16/05 Date Sampled: 3/16/05 1230

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1219	—	6.76	1465	70.6	Cloudy
1227	7.5	6.91	1387	67.6	Clear

Other Observations: ____ Odor: None

Purging Equipment: Waterra

Sampling Equipment: "

Remarks: ____

Sampler's Signature: Jeff Gurule

/Water Sample Sheet.wpd

HerSchy Environmental

WATER SAMPLE FIELD DATA SHEET

Client Name: Chalk Mt. Liquor Location: Atascadero

Purged By: Gurule Sampled by: Gurule

Sample ID: MW-4 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): 949.66 Volume in Casing (gal.): 2.67

Depth of Well (feet): 17.20 Calculate Purge Volume (gal.): 8.01

Depth to Water (feet): 9.91 Actual Purge Volume (gal.): 8.07

Date Purged: 3/16/05 Date Sampled: 3/16/05 1350

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1342	—	6.68	1892	71.8	Clear
1349	8.0	6.79	1679	67.7	Cloudy

Other Observations: ____ Odor: None

Purging Equipment: Waterra

Sampling Equipment: "

Remarks: ____

Sampler's Signature: Jeff Gurule

/Water Sample Sheet.wpd

HerSchy Environmental **WATER SAMPLE FIELD DATA SHEET**

Client Name: Chalk Mt. Liquor Location: Atascadero

Purged By: Gurule Sampled by: Gurule

Sample ID: MW-5 Type: Groundwater X Surface Water ____ Other ____

Casing Diameter (inches): 2 X 3 ____ 4 ____ 5 ____ 6 ____ Other ____

Casing Elevation (feet/MSL): 950.76 Volume in Casing (gal.): 2.68

Depth of Well (feet): 17.41 Calculate Purge Volume (gal.): 8.03

Depth to Water (feet): 1.09 Actual Purge Volume (gal.): 8.0+

Date Purged: 3/16/05 Date Sampled: 3/16/05 1325

TIME	VOLUME	pH	E. C.	TEMP.	TURBIDITY
1314	-	7.01	1482	69.1	Cloudy
1323	8.0	7.05	1436	65.9	11

Other Observations: ____ Odor: None

Purging Equipment: Waterra

Sampling Equipment: 11

Remarks: ____

Sampler's Signature: Jeff Gurule

/Water Sample Sheet.wpd

APPENDIX B

CERTIFIED ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY DOCUMENTATION

ProVera
Analytical Laboratories, Inc.

Laboratory Report
Certification # 1920

CLIENT: **HerSchy Environmental**

Project Name: **Chalk Mt. Liquor**

Matrix: AQ
Sampled by: Jeff Gurule

TESTS: TPH Gas by EPA 8015M

TPH g Analysis: 3/24/2005
Date of Report: 3/28/2005
Units: ug/l

Sample #:	7677-001	7677-002	7677-003	7677-004	7677-005	DL ug/l
Date Sampled:	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	
Sample Description:	MW-1	MW-2	MW-3	MW-4	MW-5	
TPH Gasoline	ND	ND	ND	ND	ND	50
Surrogate Recovery %	100	100	86	99	98	

DL = Detection Limit
ND - Non-Detect at given DL

Analyst: Alexander Candia

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mt. Liquor**
Analysis Type: **EPA Method 8260B**
Analysis Date: **3/25/2005**
Report Date : **3/28/2005**
Sample ID : **7677-001 MW-1**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	14	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	50	100%
1,2-Dichloroethane-d4	61	122%
Toluene-d8	44	88%
p-Bromofluorobenzene (BFB)	49	98%

Principal Analyst: Alexander Candia

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ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mt. Liquor**
Analysis Type: **EPA Method 8260B**
Analysis Date: **3/25/2005**
Report Date : **3/28/2005**
Sample ID : **7677-002 MW-2**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	5.1	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	50	100%
1,2-Dichloroethane-d4	41	82%
Toluene-d8	48	96%
p-Bromofluorobenzene (BFB)	49	98%

Principal Analyst: Alexander Candia

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Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mt. Liquor**
Analysis Type: **EPA Method 8260B**
Analysis Date: **3/25/2005**
Report Date : **3/28/2005**
Sample ID : **7677-003 MW-3**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	6.4	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	50	100%
1,2-Dichloroethane-d4	65	130%
Toluene-d8	51	102%
p-Bromofluorobenzene (BFB)	50	100%

Principal Analyst: Alexander Candia

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Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mt. Liquor**
Analysis Type: **EPA Method 8260B**
Analysis Date: **3/25/2005**
Report Date : **3/28/2005**
Sample ID : **7677-004 MW-4**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	ND	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	44	88%
1,2-Dichloroethane-d4	57	114%
Toluene-d8	48	96%
p-Bromofluorobenzene (BFB)	49	98%

Principal Analyst: Alexander Candiu

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ProVera
Analytical Laboratories, Inc.

Certification # 1920

CLIENT: **HerSchy Environmental**

Project ID : **Chalk Mt. Liquor**
Analysis Type: **EPA Method 8260B**
Analysis Date: **3/25/2005**
Report Date : **3/28/2005**
Sample ID : **7677-005 MW-5**

Analyte	Result	Units	Method RL	Method RL Multiplication Factor
5 Oxygenates				
t-Butanol (TBA) Tert-Butyl Alcohol	ND	ug/L	2.5	1
Methyl Tert-Butyl Ether (MTBE)	ND	ug/L	0.5	1
Diisopropyl Ether (DIPE)	ND	ug/L	0.5	1
Ethyl Tert-Butyl Ether (ETBE)	ND	ug/L	0.5	1
Tert-Amyl Methyl Ether (TAME)	ND	ug/L	0.5	1
BTEX Components				
Benzene	ND	ug/L	0.5	1
Toluene	ND	ug/L	0.5	1
Ethylbenzene	ND	ug/L	0.5	1
m , p & o Xylenes	ND	ug/L	0.5	1
Lead Scavengers				
1,2 Dichloro ethane (1,2 DCA)	ND	ug/L	0.5	1
1,2 Dibromo ethane (EDB)	ND	ug/L	0.5	1

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	47	94%
1,2-Dichloroethane-d4	35	70%
Toluene-d8	51	102%
p-Bromofluorobenzene (BFB)	47	94%

Principal Analyst: Alexander Candia

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ProVera
Analytical Laboratories, Inc.

EPA 8260B QA-QC Report
EPA 8015M QA-QC Report
Certification # 1920

CLIENT: **HerSchy Environmental**

Projects Covered by this QA-QC: **Chalk Mt. Liquor**
Analysis Date: **3/25/2005**
Matrix: **AQ**

BFB:

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	55	110%
1,2-Dichloroethane-d4	52	104%
Toluene-d8	53	106%
p-Bromofluorobenzene (BFB)	50	100%

IB:

Internal Standards	Results	% Recovery
Benzene, fluoro	50	100%
Benzene-d5, chloro-	50	100%
1,4-Dichlorobenzene-d4	50	100%
Surrogate Standards		
Methane, dibromofluoro-	52	104%
1,2-Dichloroethane-d4	49	98%
Toluene-d8	61	122%
p-Bromofluorobenzene (BFB)	49	98%

MS:	Results	% Recovery
1,1-Dichloroethene	50	100%
Trichloroethene	52	104%
Chlorobenzene	54	108%
Toluene	49	98%
Benzene	62	124%
p-Bromofluorobenzene (BFB)	51	102%

MSD:	Results	% Recovery
1,1-Dichloroethene	42	84%
Trichloroethene	56	112%
Chlorobenzene	47	94%
Toluene	50	100%
Benzene	59	118%
p-Bromofluorobenzene (BFB)	53	106%

8015M-TPHG

	%Recovery
BFB	96%
IB	96%
MS	110%
MSD	102%

5221 Woodmere Drive, Bakersfield, CA 93313
Phone:(661) 827-5240 Fax: (661)827-5244

PROVERA ANALYTICAL LABORATORIES

Chain of Custody Form

Client Name: HerSchy Environmental
Project Name: Chalk Mt. Liquor
Client Address: Atascadero
Project Manager: Josh Teves
Sampler Name: Jeff Gurule

Analysis Requested: BTEX (EPA 8021b); MTBE (EPA 8021b); TPH Gasoline (8015M); TPH Diesel (8015M); Volatiles (EPA 8260b); 5 Oxygenates (EPA 8260b); 7 Oxygenates (EPA 8260b); MTBE (EPA 8260b); Lead scavengers (8260b); BTEX (8260b)

Sample Matrix: [X] Aqueous [ ] Soil [ ] Acidified

Sample Date	Sample Time	Sample Description and Container Type	Comments
3/16/05	1305	MW-1	PO#677-001
	1245	MW-2	-002
	1230	MW-3	-003
	1350	MW-4	-004
	1325	MW-5	-005

Turnaround Time Requested: 24 Hour ___ 48 Hour ___ 5-Day ___ Standard X

Relinquished By:	Date:	Relinquished By:	Date:
Received By:	Date: 3/22/05	Received By:	Date: